

**Verzeichniss der hieroglyphen mit lautwerth in der gewöhnlichen und in der geheimen schrift : sowie der allgemeinen deutzeichen in dem schriftsystem der alten Ägypter, mit hinweis auf sein Hieroglyphisches wörterbuch zusammengestellt / von Heinrich Brugsch.**

**Contributors**

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H. R. Hall,  
1899.

7  
Hieroglyphics.

W. Woodland.

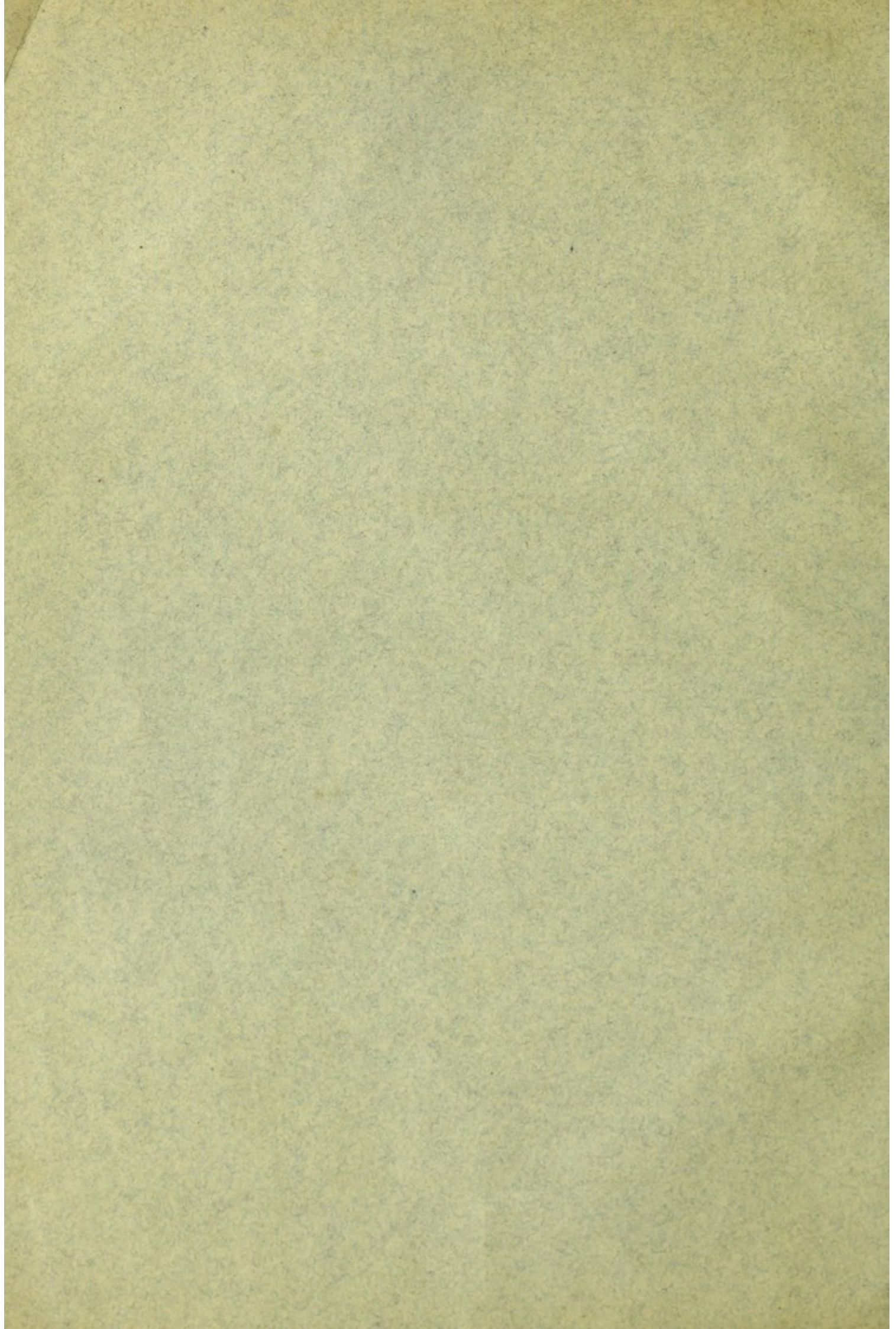
72, Grove Lane

Camberwell

London, S. E.

1896

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# **VERZEICHNISS**

## **DER HIEROGLYPHEN MIT LAUTWERTH**

IN DER GEWÖHNLICHEN UND IN DER GEHEIMEN SCHRIFT

SOWIE

**DER ALLGEMEINEN DEUTZEICHEN**

IN DEM SCHRIFTSYSTEM DER ALTEN ÄGYPTER

MIT HINWEIS AUF SEIN HIEROGLYPHISCHES WÖRTERBUCH ZUSAMMENGESTELLT

VON

**HEINRICH BRUGSCH**









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









J. C. HINRICHS'SCHE BUCHHANDLUNG

1872





























## Uebersicht der Hieroglyphen mit phonetischem Werthe.































Die folgende Uebersicht gewährt ein möglichst vollständiges Verzeichniss der hieroglyphischen Charactere, welche alphabetischen oder syllabischen Werth haben, mit Einschluss der Polyphonen. Wir haben Sorge getragen, die phonetischen Werthe beizufügen, welche die geheime oder ängmatische Schrift diesen Zeichen beilegt. Die fragliche Schrift, deren Spuren wir bis ins Zeitalter der Ramessiden zurückverfolgen können und welche sich unter den Ptolemäern zum System entwickelt, beruht auf dem akrophonischen Principe, welches einem beliebigen Zeichen den Laut des Anfangsbuchstabens seines syllabischen Werthes oder des Wortes oder mehrerer Wörter, welche ihm in der gesprochenen Sprache entsprechen, beilegt. So wird z. B. das Silbenzeichen  *nu* in dieser Schrift zu dem einfachen Consonanten *n* und das Bild des Widder  bezeichnet bald den Consonanten  *b*, bald den Consonanten  *s*, weil der Widder in der ägyptischen Sprache bald durch das Wort  *ba*, bald durch das Wort  *ser* bezeichnet wird. Es kann dies Schriftsystem mithin nicht unpassend das der Akrophonie heissen.

Da der Laut der Sprache im Laufe der Jahrhunderte manchen Wechseln und Veränderungen sowohl consonantischer als vokalischer Natur unterlegen ist, so ist es gekommen, dass die An- und Auslaute der Silbenzeichen in verschiedenen Epochen öfter verschieden sind und dass die jüngere Aussprache der antiken nicht mehr entspricht. So wurden z. B. , ,  ursprünglich  *ár*,  *áp*,  *áb*, später aber   *iri*,  *up*,  *ub*, gleichwie im Koptischen *ipɪ*, *uɪ* und *oɪ* gesprochen.

Solche Veränderungen betreffen hauptsächlich die folgenden Buchstaben:

	<i>á</i>	wird ersetzt durch		<i>a</i> ,		<i>ā</i> ,		<i>ū</i> ,		<i>u</i> ,		<i>ī</i> .
	<i>ā</i>	»	»	»		<i>á</i> ,		<i>ū</i> ,		<i>u</i> .		
	<i>b</i>	»	»	»		<i>p</i> ,		<i>m</i> ,		<i>ū</i>		
	<i>f</i>	»	»	»		<i>ū</i> ,		<i>u</i> .				
	<i>n</i>	»	»	»		<i>r</i> ,		<i>l</i> .				

	s	wird ersetzt durch		š.
	h	»	»	»
	χ	»	»	»
	t	»	»	»
	k	»	»	»

Andere Veränderungen entstehen durch die Liquidierung und Abwerfung des Consonanten  r, besonders des auslautenden; z. B.  *aner* und  *an*,  *bener* und  *ben*,  =   *χeper* und  *χep*,  =  *kers* und  *kes*, und dergleichen mehr. Auch die Metathesis findet sich häufig, z. B.  =   *hā* und   *āh*,  =  *tā* und  *āt*,  =  *ān* und  *nā*,  =  *teh* und  =  *het*,  =  *seš* und  *šes*, u. s. w.

In der folgenden Uebersicht bezeichnet

*A*, dass der phonetische Werth, dem der Buchstabe beigelegt ist, den Texten des alten Reiches angehört;






































































































*B*, dass der phonetische Werth nur der Schrift der späten Epoche, der Akrophonie, eigen ist;

\* dass der Character mit diesem phonetischen Werthe sich in unserm Wörterbuche, dessen Seitenzahl wir den übrigen Zeichen beigelegt haben, nicht befindet.

No.	Zeichen	Werth	Wb. Pag.	No.	Zeichen	Werth	Wb. Pag.
<b>I. Figuren von Männern.</b>							
1		<i>an</i>	81	20		<i>tug</i>	1621
2		<i>hq</i>	886	21		<i>ab</i>	35
3		<i>an</i>	191	22		<i>kot</i>	1477
		<i>a</i> <b>B.</b>		23		<i>xus</i>	1063
4		<i>ur</i>	332	24		<i>ba</i>	
5		<i>ser</i>	1261	25		<i>seher</i>	983
		<i>s</i> <b>B.</b>		26		<i>ab*</i>	
		<i>a</i> <b>B.</b>		27		<i>tut</i>	1532
6		<i>ati</i>	149	28		<i>kers</i>	1470
7		<i>sa</i>	1150	29		<i>a</i>	gr.10.
		<i>s</i>		30		<i>a</i>	gr.92.
8	<b>B.</b>	<i>fa</i>	534	31		<i>am</i>	78
		<i>ket</i>		32		<i>ar</i>	94
		<i>f</i> <b>B.</b>		33		<i>sa</i>	1158
9		<i>nini</i>	743			<i>s</i>	
10		<i>aau</i>	32	34		cf. No. 7	
		<i>ten</i>	1550	35		cf. No. 8	
11		<i>set</i>	1336	36		<i>heh</i>	989
12		<i>tu</i> <b>B.</b>	1609			<i>h</i> <b>B.</b>	
		<i>t</i> <b>B.</b>		37		<i>heh</i>	989
13		<i>ux</i>	213			<i>h</i> <b>B.</b>	
14		<i>kers</i> , <i>kes</i>	1475			<i>nefer</i>	757
15		<i>heter</i>	1010	38		<i>sep</i>	1381
16		<i>xexet*</i>		39		<i>amen</i>	cf. 71
17		<i>ka</i>	1435	40		<i>thuti*</i>	
		<i>k</i> <b>B.</b>				<i>a</i> <b>B.</b>	
		<i>haa</i>	935	41		<i>usar*</i>	
		<i>h</i> <b>B.</b>				<i>s</i> <b>B.</b>	
18		<i>n</i> <b>B.</b>					
19	<b>B.</b>	<i>next</i>	802				

N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.	N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.
42		un	B. 253	60		šeta* B.	
43		šu	1151	61		maā	
		s	B.			m B.	
44		ten	1549	62		tūa B.	1621
45		āmen	71	<b>III. Glieder des menschlichen Körpers.</b>			
46		set	1354	63		tep	1535
47		āb	171			āp	1539
		ub*				her*	
48		χer	1116	64		her	977
49		sen	1243	65		ānem	90
50		meh	689			hā	931
51		neb	745			her*	
52		neb	747	66		uta	312
53		nem	1101			bok	427
54		s	1151	67		āb*	
		nen	B.	68		āt	136
		n	B.			tā	1527
		χen	B.	69		ān	85
		χ	B. 800			nā	739
		šerā	B. 1404			ān	193
		ā	B.	70		ma*	
<b>II. Figuren von Frauen.</b>				71		ān	193
55		keb	1509			ān	193
56		bok	428	72		ār	97
57		bok*				iri	B.
58		beχ	cf. 412			i	B.
		mes	696			men	B.
		pāpā	413			mer	675
59		net*					
		n	B.				

N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.	N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.
73		är	100			honk	970
74		är	100	94		mok	617
75		mer	675	95		next	802
76		tebh	1633			n* B.	
77		tebh	1633	96		tu	1609
78		äm	63	97		t* B.	
		sem	1235			teser	1682
79		r	839			teser	1682
80		neb	748	98		χu	1061
81		beh	A. 1632	99		hi	914
		hu	938	100		ser	1259
		h	B.	101		ufen	307
82		sepet	1205	102		χen	1104
83		är	211	103		äm	64
84		χabes	1031	104		set B.	
85		sa*	B.	105		t	1604
86		ka	1433	106		kep	1491
		k	B.	107		sep	1376
87		χen*		108		sep	1376
88		nen	776	109		sep	1376
		n	B.	110		hen	965
89		ā		111		iā	231
		tof	1665	112		tep A.	
90		sop*				teb*	
		meh	692	113		tebā	1678
91		nini	743			maū*	574
92		mo	596	114		ta*	1703
93		mo	596	115		ān	cf. 201
		m	596	116		ka	1435
						beh	410

No.	Zeichen	Werth	Wb. Pag.	No.	Zeichen	Werth	Wb. Pag.
		 <i>met</i>	720			 <i>às</i>	121
		 <i>mo</i>	721	133	 <i>sem</i>	 <i>sem</i>	1217
		 <i>ta</i>	cf. 1704	134	 <i>šāt</i>	 <i>šāt</i>	1364
		 <i>l</i>	<i>B.</i>	135	 <i>seper</i>	 <i>seper</i>	1202
117		 <i>per*</i>	636	136	 <i>auf</i>	 <i>auf</i>	59
118		 <i>men</i>	1726	137	 <i>f</i>	 <i>f</i>	
119		 <i>hen</i>	1222		 <i>hū</i>	 <i>hū</i>	934
120		 <i>sem</i>			<b>IV. Vierfüßler.</b>		
121		 <i>tu*</i>	<i>B.</i>	138	 <i>l</i>	 <i>l</i>	883
122		 <i>l</i>	233		 <i>ār</i>	 <i>ār</i>	205
123		 <i>āī</i>	1185		 <i>ār</i>	 <i>ār</i>	205
124		 <i>seb</i>	1222	139	 <i>šenā</i>	 <i>šenā</i>	1400
125		 <i>sem</i>	1386	140	 <i>ser</i>	 <i>ser</i>	<i>B.</i> 1261
126		 <i>sem</i>	773		 <i>ma</i>	 <i>ma</i>	<i>B.</i> gr. 76
127		 <i>nen</i>	<i>B.</i>		 <i>ma</i>	 <i>ma</i>	
128		 <i>n</i>	82	141	 <i>šenā</i>	 <i>šenā</i>	1400
129		 <i>àn</i>	1407	142	 <i>neb</i>	 <i>neb</i>	745
130		 <i>šes</i>	1537		 <i>χeb</i>	 <i>χeb</i>	1031
131		 <i>tel</i>	<i>B.</i>		 <i>tep</i>	 <i>tep</i>	1635
132		 <i>l</i>	518		 <i>teb</i>	 <i>teb</i>	1629
133		 <i>peṭ</i>	877	143	 <i>ser</i>	 <i>ser</i>	1259
134		 <i>roṭ</i>	244	144	 <i>āb</i>	 <i>āb</i>	168
135		 <i>uār</i>	639	145	 <i>sa</i>	 <i>sa</i>	1151
136		 <i>men</i>	1562	146	 <i>sep</i>	 <i>sep</i>	1198
137		 <i>toh</i>			 <i>sāb</i>	 <i>sāb</i>	1163
138		 <i>b</i>	1515		 <i>ša</i>	 <i>ša</i>	1422
139		 <i>ker</i>	542		 <i>ān*</i>	 <i>ān*</i>	<i>B.</i>
140		<i>āā</i>	542		<i>ī*</i>	<i>ī*</i>	<i>B.</i>
141		<i>āā</i>	542	147	<i>set</i>	<i>set</i>	1331
142		<i>fuā</i>					

No.	Zeichen	Werth	Wb. Pag.	No.	Zeichen	Werth	Wb. Pag.
148		set	A.	166		au	1719
149		sesta	1316			ā	B.
150		ān	163			ār*	B.
		ā	B.			š	B.
		sa	1154	167		sāh	1170
		tet*	B.	168		ses*	
		te*	B.			š	B.
151		ān	B.	169		šes	B.
152		kent	1463	170		χχ*	B.
153		nefer	B.	171		ma	B.
154		set		172		χeft (mät?)	B.
155		nefer	B.				
156		nefer	B.				
		sem	1235	<b>V. Glieder von Vierfüsslern.</b>			
157		ka	1435	173		peh	496
		q k	B.	174		hā	931
158		neb	B.	175		hā	B.
159		beχ	B.	176		peteh	527
160		nās	B.	177		neb*	B.
161		hes	993	178		at	20
162		fu	538			ta	20
		āā	542	179		sesennu*	B.
		āā	542	180		hau	B.
163		āb	35	181		teh	1664
164		ba	370			het*	
		b	B.	182		ses	1311
		ser	1259			seš	1308
		s	B.	183		tenfen	1648
165		sūq	1163	184		ken	1728
				185		šef	1383

N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.	N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.
186		set	1331	203		neh	491
187		set A.	1331	204		heka	1001
188		pau*	B.	205		ab	175
189		us	276	206		nem*	A.
		ha*	B.	207		nem(?)	769
190		ba	372	208		kep	1491
191		id.	B.			kep	1491
192		r	B.	209		sek	1319
193		zen	1094	210		as	121
194		fet		211		set	1349
		zent	1108	<b>VI. Vögel.</b>			
		sen		212		hor	982
		tep*	A.			neter*	B.
195		sem	1344			bak	
		setem	1344			p*	B.
		ten	1641	213		neb*	
		at	153	214		ba	370
		set*				b	B.
196		ap	52	215		ba*	B.
		up	B.			b	B.
197		aa	32	216		zu	114
198		ab	167			z	B.
		ub*	B.	217		ak	221
199		ap	58	218		us	284
		up*	B.	219		sera	1404
200		znem	1097	220		ur	332
201		tem	1640	221		ba	370
202		am	185			b	B.
		u	B.	222		bek	424





































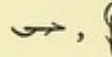

























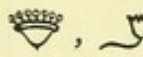















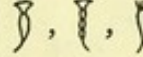
























N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.	N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.
223		<i>mert</i>	731	236		<i>a</i>	1
		<i>met</i>	731	237		<i>u</i>	238
		<i>m</i>	596	238		<i>bāh</i>	381
		<i>ner</i>	786	239		<i>hem</i>	958
		<i>ket*</i> <i>B.</i>		240		<i>set</i>	1353
224		<i>menχ</i> <i>B.</i>	660	241		<i>teb</i>	1629
225		<i>leχ</i>	1564	242		<i>pa</i>	448
		<i>teh</i>	1664		<i>p</i> <i>B.</i>		
226		<i>sa</i>	1151	243		<i>sep*</i> <i>A.</i>	
		<i>s</i> <i>B.</i>			<i>henā</i> <i>B.</i>		1726
		<i>r</i> <i>B.</i>		244		<i>χeu</i>	1089
		<i>u</i> <i>B.</i>		245		<i>kema</i>	1452
		<i>men</i>	656		<i>ten</i>		1549
		<i>hep</i>	951	246		<i>χu</i> <i>B.</i>	1062
227		<i>mer</i>	730	247		<i>reχ</i>	869
		<i>mer</i>	730	248		<i>mok</i> <i>B.</i>	617
228		<i>ām</i>	559	249		<i>ta</i>	1702
		<i>m</i>		250		<i>men</i>	667
229		<i>neh</i>	792		<i>sct</i>		73
		<i>n</i> <i>B.</i>		251	<i>sont</i>		1256
230		<i>neh</i>	792				
		<i>n</i> <i>B.</i>					
231		<i>kem</i>	1451	252		<i>χu</i> <i>B.</i>	114
		<i>kam</i> <i>A.</i>	1451	253		<i>ner</i>	785
232		<i>teser</i>	1659	254		<i>tef</i>	1686
		<i>tes</i>	1659			<i>t</i>	1673
233		<i>tef</i>	1680	255		<i>pek</i>	514
234		<i>ti</i>	gr. 5	256		<i>meh</i> <i>B.</i>	692
235		<i>seh</i>	1277			<i>ses</i>	1310























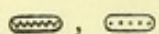








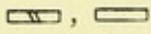



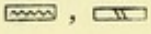



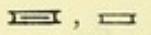

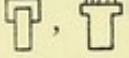



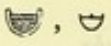



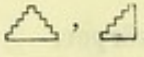
















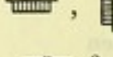





















## VII. Glieder von Vögeln.

252		<i>χu</i> <i>B.</i>	114
253		<i>ner</i>	785
254		<i>tef</i>	1686
		<i>t</i>	1673
255		<i>pek</i>	514
256		<i>meh</i> <i>B.</i>	692
		<i>ses</i>	1310

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258		meh	690	274		āχ*	
259		remen	858			ās B.	220
		nen	780			tem	1639
260		ša*		275		ro, r B.	841
261		maū	574	276		ru*	
		m B.				r B.	
		su	1365	277		f B.	
		s B.				neb	745
		keb	1444			r B.	
262		sa	1151	278		k B.	
		s B.				t	
263		ān	202	279		meh	694
				280		tet	1683
				281		met?	
				282		ker B.	1466
264		ān	86	283		ken	1458
		s B.		284		f	
265		χα	1041	285		per	449
266		betu	439	286		āk	221
267		sep*		287		āter	143
268		bes	418	288		sata B.	
269		nār	741	289		hek	1000
270		ān	193	290		hefen	955
		ān		291		āf	185
271		neb	86			men	644
						sexet	1303
						χeb	1063
						ket	1477
						χeper	1071
						χep	1071
<b>VIII. Fische.</b>							
<b>IX. Amphibien und Reptile.</b>							
272		sebek	1194				
		sek	1193				
		at*	22	292			
		n B.					

N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.	N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.
		 <i>tq</i> <i>B.</i>	1522	309		 <i>tgui</i> <i>B.</i>	
293		 <i>t</i> <i>B.</i>  <i>āp</i> <i>B.</i>	179	310	 ,  , 	 <i>χa</i> <i>B.</i>  <i>χ</i> <i>B.</i>	1022
294		 <i>hotp</i> <i>B.</i>	1005	311		 <i>hen</i>	972
295		 <i>serk</i>	1269	312		 <i>ur</i> <i>B.</i>	332
296		 <i>kem</i>	1448	313	 ,  , 	 <i>χesef</i>	1134
				314		 <i>āth</i>	27
<b>X. Bäume, Pflanzen, Blumen u. s. w.</b>							
297		 <i>ām</i> <i>B.</i>	63			 <i>meh</i>	690
		 <i>m</i> <i>B.</i>	594			 <i>χeb</i>	1063
298		 <i>ātʃ</i> <i>B.</i>	139	315		 <i>ha</i>	916
299		 <i>χet</i>	1138			 <i>h</i> <i>B.</i>	
		 <i>χer</i> <i>B.</i>	1116	316		 <i>neχeb</i>	799
		 <i>χ</i> <i>B.</i>	1050			 <i>n</i> <i>B.</i>	
300		 <i>un</i>	253	317	 ,  <i>B.</i>	 <i>nen</i>	774
301		 <i>hen</i>	961			 <i>n</i> <i>B.</i>	765
		 <i>ās</i>	120	318		 <i>su</i>	1173
302		 <i>nehem</i> <i>B.</i>	796			 <i>s</i> <i>B.</i>	
		 <i>n</i> <i>B.</i>		319	 , 	 <i>riš</i>	871
303		 <i>neχeb</i> <i>B.</i>	799	320	 , 	 <i>kemā</i>	1453
		 <i>n</i> <i>B.</i>		321	 ,  , 	 <i>rep</i>	855
304		 <i>ūah</i>	342			 <i>renp</i>	861
305		 <i>sek</i>	1323			 <i>sep?</i>	
306		 <i>benr</i>	398	322		 <i>keš</i> <i>B.</i>	1478
		 <i>ben</i>	396	323	 ,  , 	 <i>ter</i>	1553
		 <i>mor</i>	606	324		 <i>š</i>	
		 <i>m</i> <i>B.</i>		325		 <i>sem</i>	1229
307		 <i>nolem</i>	834			 <i>s</i> <i>B.</i>	
		 <i>nem</i> <i>A.</i>				 <i>seχet</i>	1303
308		 <i>ūat</i>	354			 <i>u</i> <i>B.</i>	

N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.	N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.
326		á				ám	68
327		í		346		hyt	1015
328		mes	695	347		áp*	B.
329		boti	442			ā	B.
330		het	1015	348		heh	B.
		het	B.	349		χā	1052
331		son	1237			χ	B.
		s	B.	350		ś	B.
332		χai	1022			áb	45
333		tá	1527	351		á	B.
334		áp	49			sep	1379
335		r	B.	352		seb	1182
336		rof	878			s	B.
337		hen	963			tua	1621
338		ás	119			t	B.
339		ter	1556			χabs	
<b>XI. Himmelskörper.</b>				<b>XII. Erde, Berge, Inseln, Steine.</b>			
340		pet	452	353		ta	1521
		p	B.			t	B.
		her	979	354		tu	1608
		χí	1058			men	B.
		men	B.			ā	B.
341		tehen	1589			h	B.
342		ker	1466	355		men	667
343		rā	848	356		h	B.
		r	B.	357		sep*	A.
344		χu	112			n	B.
		χ	B.	358		ka	29
345		χu	112			ān	1338
		χ	B.			án	
				359		āner	90

No.	Zeichen	Werth	Wb. Pag.	No.	Zeichen	Werth	Wb. Pag.
		 <i>ân</i>	90	372		 <i>het</i>	1003
		 <i>men</i> <i>B.</i>	655		 <i>h</i> <i>B.</i>		
		 <i>men</i> <i>B.</i>			 <i>χ</i> <i>B.</i>		
<b>XIII. Wasser, Flüssigkeiten, Becken.</b>				373		 <i>seh</i>	1272
360		 <i>mu</i>	633		 <i>ār</i>	1273	
		 <i>m</i> <i>B.</i>		374		 <i>heb</i>	942
361		 <i>n</i>		375		 <i>äft</i>	60
		 <i>mu</i> <i>B.</i>	633	376		 <i>hā</i>	212
362		 <i>χen</i>	1095		 <i>āh</i>	—	
		 <i>men</i> <i>B.</i>		377		 <i>ānb*</i>	cf. 89
		 <i>à</i> <i>B.</i>	866	378		 <i>useχ</i>	279
363		 <i>ś</i>		379		 <i>neter</i>	823
364		 <i>n</i> <i>B.</i>		380		 <i>χem</i>	1082
365		 <i>mer</i>	669	381		 <i>sa</i>	1153
		 <i>m</i> <i>B.</i>			 <i>s</i> <i>B.</i>		
366		 <i>bā</i>	374		 <i>ro</i> <i>B.</i>		
		 <i>hem</i>	956	382		 <i>χet</i>	746
		 <i>peh</i>	494		 <i>ār</i>	205	
367		 <i>tef</i>	1543		 <i>ā</i> <i>B.</i>		
		 <i>pu</i> <i>B.</i>	464	383		 <i>neh</i>	787
		 <i>ru</i>			 <i>ken</i>	1461	
368		 <i>āb</i>	171	384		 <i>sebex</i>	1191
		 <i>ub</i> <i>B.</i>		385		 <i>ā</i>	158
369		 <i>āb</i>	171	386		 <i>ses</i>	1305
		 <i>vb</i> <i>B.</i>			 <i>s</i>		
<b>XIV. Städte, Gebäude, Zimmer, Theile des Hauses u. s. w.</b>				387		 <i>m</i>	
370		 <i>nen</i>	773	388		 <i>ân</i>	83
		 <i>nu</i>	773		 <i>à</i> <i>B.</i>		
371		 <i>per</i>	449	389		 <i>men</i>	636
		 <i>p</i> <i>B.</i>	449		 <i>teχen</i>	1567	

N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.	N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.
390		<i>t</i> <i>tet</i> <i>t</i> <i>pset</i>	<i>B.</i> 1663 <i>B.</i> 510	407		<i>set</i> <i>set</i>	<i>B.</i> 1335 1336
391		<i>akep*</i>	<i>B.</i>	409		<i>pet</i> <i>kens</i>	519 1497
392		<i>s</i> <i>às</i> <i>us</i> <i>men</i>	1152 <i>B.</i> <i>B.</i> 640	410		<i>χont*</i> <i>šemer</i>	1392
393		<i>us*</i> <i>utes</i>	309	411		<i>χer</i>	1227
				412		<i>ket</i>	1478
				413		<i>sat</i>	1484
				414		<i>ma</i>	561
				415		<i>meh</i>	684

**XV. Waffen, schneidende Geräte,  
Geisseln u. s. w.**

394		<i>neter</i>	823
395		<i>tem</i> <i>tes</i> <i>tes</i> <i>n</i>	1636 1380 1380 <i>B.</i>
396		<i>moten</i>	<i>B.</i> 625
397		<i>sem</i>	1222
398		<i>sem</i>	—
399		<i>nem</i>	763
400		<i>hu</i>	<i>B.</i> 1710
401		<i>sek</i>	1319
402		<i>tep</i>	1335
403		<i>āa</i> <i>ā</i>	158 <i>B.</i>
404		<i>uā</i>	241
405		<i>set</i>	
406		<i>sun</i>	1174

416		<i>set</i>	1413
417		<i>χu</i> <i>χ</i>	<i>B.</i> 1061 <i>B.</i>
418		<i>χeb</i>	1063
419		<i>tem</i>	<i>B.</i> 1640
420		<i>tebh</i>	<i>B.</i>

**XVI. Scepter, Insignien u. s. w.**

421		<i>hek</i>	924
422		<i>āu</i>	1719
423		<i>us</i>	348
424		<i>sem</i>	1226
425		<i>sexem</i>	1289
426		<i>χorp</i>	1129
427		<i>men</i> <i>set*</i>	667
428		<i>χu</i>	1061

No.	Zeichen	Werth	Wb. Pag.	No.	Zeichen	Werth	Wb. Pag.	
429		āb	168	<b>XVIII. Instrumente und Geräthschaften.</b>				
430		seymer	1230	446		tes	1592	
<b>XVII. Stöcke, Keulen u. s. w.</b>							res	871
431		s		447		res	871	
432		am A. 63		448		āb	168	
433		am 187				kes	1473	
		ā B. 1676				ken	1513	
		tā		449		beṭ	441	
		neh*				mesen	699	
		kem 1451		450		seh	1275	
		kem A.				net	827	
		ka*				net B.		
		ka* B.				n B.		
434		āb 170		451		āb 172		
435		seteb 1352				ub B.		
436		m B.				am 189		
437		xen 1092		452		menḫ 660		
438		nem A. 767		453		xa 1042		
439		ut 291				χ B.		
440		āb 1719		454		sa 1161		
441		teṭ 1686		455		sa 1154		
		t				s B.		
442		t 1673		456		sam 1214		
443		ta				s B.		
444		men 636		457		nen 777		
445		nem 767				n B.		
				458		setp 1341		
						ānp*		
				459		utā 310		

No.	Zeichen	Werth	Wb. Pag.	No.	Zeichen	Werth	Wb. Pag.
460		<i>z</i>		476		<i>meh</i>	684
461		<i>hen</i>	965	477		<i>meh</i>	684
462		<i>mer</i>	669	478		<i>ten*</i>	
		<i>ma</i>	<i>B.</i>	479		<i>šu</i>	1367
		<i>m</i>	<i>B.</i>	480		<i>sezet</i>	1303
463		<i>heb</i>	895	<b>XXI. Bänder, Binden, Knoten, Kleider.</b>			
		<i>per</i>	479	481		<i>hes</i>	1475
464		<i>shotp</i>	<i>B.</i> 1281			<i>k, k</i>	<i>B.</i>
465		<i>unnu</i>	<i>B.</i>			<i>ser</i>	1262
<b>XIX. Musikalische Instrumente und Spiele.</b>						<i>s</i>	<i>B.</i>
466		<i>nefer</i>	757	482		<i>ses*</i>	
467		<i>hes*</i>	<i>B.</i>	483		<i>menī</i>	648
468		<i>sezem</i>	1292	484		<i>sen</i>	1393
469		<i>men</i>	636	485		<i>rot</i>	879
470		<i>ab</i>	36	486		<i>sen</i>	1394
471		<i>maū</i>	574	487		<i>h</i>	
		<i>m</i>	<i>B.</i>	488		<i>menx</i>	662
472		<i>sa</i>	1156			<i>ut</i>	246
		<i>s</i>	<i>B.</i>			<i>tel</i>	1684
<b>XX. Kronen.</b>						<i>heseb</i>	994
473		<i>nefer</i>	<i>B.</i> 757	489		<i>ā</i>	<i>B.</i>
		<i>n</i>	<i>B.</i>			<i>u</i>	
		<i>het</i>	1016			<i>set</i>	1331
474		<i>net</i>	821	490		<i>set</i>	1331
		<i>n</i>	<i>B.</i>			<i>ās</i>	118
		<i>teser</i>	1659			<i>us</i>	15
475		<i>k</i>	<i>B.</i> 684	491		<i>se'</i>	1331
				492		<i>tem*</i>	<i>B.</i>
				493		<i>ūq</i>	




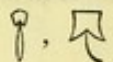

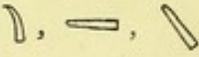



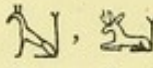

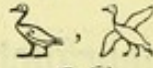





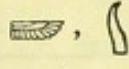
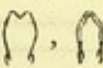

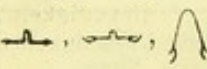




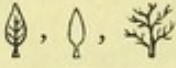
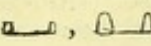
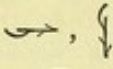



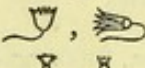







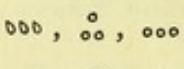


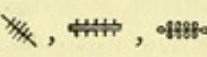




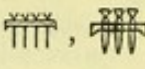





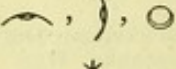





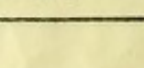

No.	Zeichen	Werth	Wb. Pag.	No.	Zeichen	Werth	Wb. Pag.
494		seh		517		sep	1196
		sezet	1303	518		pät A.	
495		menä	645	519		pau	457
496		an	9	520		t	
497		sent	1255	521		zemt*	
498		ärk	209	522		k, q	
499		mer	668	523		hu	938
500		nes	803			h	B.
		tep	1634	524		sept	1205
		r	B.			sebt	1205
501		set	1335	525		tu	1609
502		ät	227			t	B.
503		tes	1593			t	B.
504		net		526		p	
		n	B.	527		ä	
505		kep	1491	528		i	
506		s	B.	529		men	B. 638
507		sa	1154	530		hep	949
		s	B.	531		uu	238
508		äper	181			ur	332
509		teb	1624			seš	1308
		teb*	A.	532		su	1180
		neb	745			h	
510		zaker	1048	533		mer	671
511		šen	1394	534		rer	863
512		säh	1170	535		ten	1585
513		änχ	197	536		teben	1631
514				537		ren	860
				538		šu	
				539		tenä	1643
<b>XXII. Mathematische Figuren.</b>						pex	511
515		χ				peš	511
516		neker	814				

N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.	N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.
540		<i>tenà</i>	1644	560		<i>hon</i>	973
541		<i>her</i>	983			<i>h</i> <b>B.</b>	
542		<i>χ u</i>	112	561		<i>ma</i>	566
		voir No. 358		562		<i>set</i>	1414
543		<i>sen</i>	1239			<i>set</i>	1414
544		<i>iet</i>		563		<i>āu</i>	158
545		<i>gen</i>	1463			<i>ā</i> <b>B.</b>	
		<i>tatq</i>	1701			<i>āb</i>	169
546		<i>χem</i>	1291			<i>hon</i>	977
		<i>u</i> <b>B.</b>				<i>useχ</i>	278
547		<i>men</i> <b>B.</b>	636	564		<i>ba</i> <b>B.</b>	
548		<i>ap</i>	48			<i>b</i> <b>B.</b>	
549		<i>uteb</i>	297	565		<i>ta</i>	1523
550		<i>uten</i>	305			<i>t</i> <b>B.</b>	
				566		<i>ta</i>	1523
						<i>t</i> <b>B.</b>	
<b>XXIII. Gefässe, Flaschen, Körbe, Schalen u. s. w.</b>				567		<i>seh*</i>	
551		<i>nu</i>	772	568		<i>ta</i>	1523
		<i>nyn</i>	772	569		<i>bes</i>	418
		<i>n</i> <b>B.</b>				<i>b</i> <b>B.</b>	
		<i>men</i>	654	570		<i>mer</i> <b>B.</b>	675
		<i>χyn</i>	1094	571		<i>ka</i>	1728
552		<i>teχ</i>	1564			<i>mesen</i>	703
553		<i>nem</i> <b>A.</b>		572		<i>hotep</i>	1005
		<i>χnem</i>	1097	573		<i>hen</i>	900
554		<i>àb</i>	36	574		<i>àa</i>	138
555		<i>fu</i> <b>B.</b>	582			<i>à</i> <b>B.</b>	
556		<i>nyn</i>	774	575		<i>k</i>	
557		<i>hos</i>	989	576		<i>nes</i>	804
558		<i>χont</i>	1108			<i>n</i> <b>B.</b>	
559		<i>keb</i>	1441				

N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.	N <sup>o</sup> .	Zeichen	Werth	Wb. Pag.
577		<i>zer</i> <i>z</i> <i>B.</i>		590		<i>hā</i> <i>āh</i> <i>h</i> <i>B.</i>	927 927
578		<i>katu</i> 1503				<i>āb</i> <i>A.</i>	1168
579		<i>k</i>		591	,	<i>nem</i> <i>met</i>	764 628
580		<i>neb</i> <i>n</i> <i>B.</i>	744				
581		<i>heb</i> <i>B.</i>	942				
582		<i>ān</i> <i>nā</i>	190 740				
<b>XXIV. Schiffe und ihre Theile.</b>				<b>XXV. Gerüste und Gestelle.</b>			
583		<i>zont</i> <i>s</i> <i>B.</i>	1110	592		<i>zont</i>	1108
584		<i>zu*</i> <i>B.</i>		593		<i>zep</i> <i>A.</i> <i>sep</i>	1376
585		<i>ām</i> <i>m</i> <i>B.</i>	594	594		<i>fu</i>	540
586	,	<i>uā</i>	1708	595		<i>her</i> <i>moten</i>	982 625
587		<i>hep</i> <i>zer</i>	949 1119	596		<i>tem</i>	1545
588		<i>hem</i>	957	597		<i>āmax</i>	75
589		<i>nef</i> <i>t</i> <i>B.</i>	755	598		<i>sext</i>	1301
				599		<i>nem</i>	764
				600	,	<i>ām</i> <i>m</i> <i>B.</i>	63

## Uebersicht der gebräuchlichsten generellen Determinativa.

No.	Zeichen	determiniert	No.	Zeichen	determiniert
1		To speak, to name, to implore, to read.	20		Rest, inactivity, infirmity, to sit.
2		To worship, to greet.	21		God, goddess, eminent, sacred person.
3		To adore, to praise, to sing.	22		A god, ancestor, sacred personage.
4		To return, to turn oneself.	23		Enemy, wickedness, crime.
5		Height, joy.	24		Soldier, troop, great number.
6		Spout, exultation.	25		Sacred person, ancestor.
7		Great, greatness.	26		To rest, to sit.
8		Age, parent, frailty.	27		Child, youth, revival.
9		To carry, to burden, to work.	28		To throw down, to greet, to salute, to worship, to kill, to overthrow, battle.
10		To beat, to strike, severe handling, or acting.	29		Slaughter, overthrow.
11		To plough, to cultivate, to build on.	30		To die, deceased, to bury, to embalm.
12		Enemy, wickedness, hostility.	31		Goddess, woman, female name.
13		To unite, to combine, connection.	32		Goddess, woman, female name.
14		To build, to construct, to form.	33		Pregnancy, with child.
15		Form, figure, portrait, type, to assemble, to unite, to set up, custom, mummy, burial.	34		Born, descent, race, birth.
16		Individual, person, denotes any office held by man, activity with the mouth, idea, word, to declare.	35		To absorb, to nourish, to bring up.
17		To bear, to burden, to work.	36		Head, mind, genius, uppermost, pre-eminence, superiority.
18		To worship, to hail, to invoke, to ask for, to read.	37		Hair, skin, colour, grief, pain.
19			38		Eye, sun, moon, mouth, bud.

Nº.	Zeichen	determiniert	Nº.	Zeichen	determiniert
39		To see, perceive, to try, to mark, to watch, guards, to awake, to sleep, repose, to repose, to dream, to die.	69		Sleeve, coat, tunic, quadruped.
40		"	70		Tail, brain, end.
41		"	71		Testicle, stone.
42		To weep, tear, pain, affliction, sadness.	72		Set, or Typhon, power, danger, misfortune.
43		Eyebrows.	73		Bird, to fly, to fly away, to flow.
44		To taste, to eat, to speak.	74		To remain, to continue, to perish, to halt, pasture-ground, wickedness, shute.
45		To taste, to eat, to speak.	75		Wing, harpichord, to fly, to raise oneself.
46		To breathe, to enjoy, to feel joy, desire.	76		an Egg, Feminine, womanly, child-hood.
47		Embrace, unite, agree.	77		Fish, Impurity, foulness, to hinder, to prevent, to stop.
48		To deny, to keep off, to defend.	78		Crocodile, Impudence, insolence, robbery, depredator, to hide, serpent, snake, reptile.
49		Severe handling, to beat, to take, to grasp.	79		Secret, snake, goddess.
50		Gentle handling, to assent, consent, arm-root.	80		Tree, beam, bar.
51		To present, to pour, to fill, to give.	81		Wood, timber, wooden object.
52		To write, to paint, to draw picture.	82		A flower, plant, vegetable.
53		To seize, to hold, to contain.	83		Flower, joy, pleasure, comfort.
54		masculine, manly, to flow, ensue, to soil before, from, with, since, in respect to.	84		Sweetness, pleasant, acceptable.
55		To go, to step, to advance, to march.	85		Season, year, 12 month, to drive, to turn, to renew.
56		To exceed, to measure, with step, leg, bone, foot, vision, pedestal, base, way of life, matras for measuring.	86		Field, plain.
57		To turn oneself, to return, to turn off, backward, back.	87		Grain, Rye, Corn, Value (Pons) to drive, to drive, to cut, to cut.
58		To tread over, to join, to transgress, to tread, to go down, to have, to avoid, surface, small, small spine, backbone, back, ridge, rear, to cut, to cut.	88		Grain, measures, harvest, crop, tribute, bushel, weight.
59		Flesh, parts of animals bodies.	89		To cover, cover, veil, height, altitude, superiority.
60		"	90		Night, evening, eve, west, darkness, gloom.
61		Throat, voice, channel, flute, gorage, to breathe, enjoy, to eat, victuals.	91		Ram, shower, cloud, thunderstorm, dangle, light, rays, lustre, bright, red.
62		Quadruped.	92		Sun, light, parts of the time.
63		Throat, voice, channel, flute, gorage, to breathe, enjoy, to eat, victuals.	93		Light, lustre, brightness.
64		Nose, vent, rebuke, to breathe, enjoy, to feel, to snore, to bluster, comfort, desire, to block up.	94		The moon and its phases.
65		To hear, obey, listen, ear, handle.	95		Star, planet, constellation, god.
66		Horn, skin (hard) feelers (of insects) might horn, peak of a mountain, to attack, weight, machine, at the end, on the received, all strength, power, energy, virtue, force, to follow success, obey.	96		Land, ground, people, nation.
67		Paw, claw, seize, pull away, strong, to rot.	97		Island, lake, coast, shore, sea-shore.
68		Paw, claw, seize, pull away, strong, to rot.	98		
			99		
			100		

No.	Zeichen	determiniert	No.	Zeichen	determiniert
101		Name, district, territory, field, hill, planted with the vine.	124		To wrap up, to veil, to embalm, to reckon, count, disease, sickness.
102		Town, city, place, region	125		Smell, odour, to find out, to sack, to bag.
103		Stone, rock, bricks, to build with bricks.	126		To write, to read, to lecture, books, science, knowledge, to surround, to bind, to tie, to shut, to lock, to end, to finish.
104		Ure, metal, brass, iron, made of metal.	127		Jewel, treasure, ring, to seal, to confirm, to shut, to lock.
105		Water, fluidity, fluid, liquor, river, melting, to wash, purity.	128		Field, district, territory.
106		Water, fluid, to pour out, to empty, to break open, to vomit.	129		To cross, to crucify, to mix, to mingle, increase.
107		Water, pond, fluid, basin, pelvis, sea, river flowing, wet, mountain to overflow.	130		Name, kings name, circle, sphere.
108		Weight, heaviness.	131		To divide, part, to separate, to part, half, middle.
109		House, household, room, habitation.	132		Seat, chair, stool.
110		Wall, enclosing enclosure, fortiles, fort.	133		Metal, brass, sand, powder, flower, flour, meal, room, rain.
111		To turn, to tilt over, to break down, to break, to shatter in.	134		To die, wickedness, malice, misfortune.
112		Staircase, stairs, to rise, mount.	135		Heart, breast, middle, midst.
113		Name, Name of a fortress, or foreign monarch.	136		Writing, letters, book, plan, drawing, draught, design, calculation, knowing, knowledge, thought, idea, abstract idea.
114		Corner, angle, nook, protection, defence.	137		Coffin, embalming.
115		Obelisk.	138		Bread, nourishment, food, quantity.
116		Pyramid, grave, tomb, great tomb, great house, heap, or hoard.	139		Breadth, latitude, to distribute.
117		Rest, repose, death, mummy, to embalm, disease, sickness.	140		Fire, to burn, heat, ardour.
118		Sabre, sword, knife, cutter, slayer, to strike, to offer, sacrifice, to cut off, to separate, to write, record.	141		Festival, joy, pleasure, content, gratify.
119		To land, disembark, foreign, foreign nation.	142		Oil, fragrant, flavour.
120		Compartment, shadow, shade.	143		Oil, fragrant, flavour, fluid, humour.
121		Chisel, to chisel, to smooth, to polish, nail, bone, ivory.	144		To break. Roads. To break open, to break up, to depart, to separate, far, far off.
122		To plough, to till the ground, to build upon, to cultivate.	145		Ship, vessel, to travel, journey, to go, to walk.
123		To bind, to tie, to fasten, attach, to dress, clothes, to wrap up, to veil, garment, to approach.	146		Sail, wind, air, breath, puff, vent, breeze.
			147		To dress, clothes, to wrap up, to veil, to adorn, to attire.

P. T. O.



# Additional Hieroglyphics.

## Determinatives.

	Sign of Royalty		Body		Soles of feet. sandals
	Childhood		Stomach		Leg
	Chief		Eye inverted		Batter
	Elder		Lips		Year
	Prince		Tongue		Lip
	Ruler		Tooth		Sky rising.
	Fall		Beard		Radiancy
	Lower Egypt		Breast		Moon
	Priestess		Flesh		Radiant Disk
	Pure		Bone		Sand
	Fadpole		Fat		Sand

	Foundation		Complete	$\left. \begin{matrix} \text{9999} & \text{777} \\ \text{9999} & \text{1111} \end{matrix} \right\} = 834$
	A kind of cake		Black	$\left. \begin{matrix} \text{99} \\ \text{11} \end{matrix} \right\} = 220$
	Cycle		Net, Snare	$\left. \begin{matrix} \text{999} & \text{99} & \text{1111} & \text{1111} \end{matrix} \right\} = 3244$
	Land		Adze	$\text{XVII}$ Tillage
	Canopy		East	$\left. \begin{matrix} \text{9999} & \text{777} \\ \text{999} & \text{777} \end{matrix} \right\} = 760$
	Embalmed		West	$\left. \begin{matrix} \text{999999} & \text{999} \\ \text{11111111} & \text{1111} \end{matrix} \right\} = 974$
	House		Vessels full	$\text{♀} = \text{Life}$
	Loaf of bread		" empty	$\text{♂} = \text{Goodness}$
	Tie of linen		Great arrow	$\text{♂} = \text{Goodness}$
	Papyrus		= Herb	$\text{♂} = \text{Power or Purity}$
	Thicket of Papyrus		Javelin	$\text{♂} = \text{Majesty & Dominion}$
	Wood, cut		Earth	$\text{♂} = \text{Authority}$
	Seed		Goldsmith	$\text{♂} = \text{Royalty}$
	Place		Gold	$\text{♂} = \text{"}$
	Hill country			
	Thebes			
	Papyrus			





